

PATENT  
RECEIVED  
MAR -5 PM 3:03  
1500/2900

Docket No. DIV-1510-1US (112766-235)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jay M. Short Examiner: Park, Hankyel T.  
U.S. Serial No.: 09/677,584 Art Unit: 1648  
Filing Date: September 30, 2000  
For: **WHOLE CELL ENGINEERING BY MUTAGENIZING A  
SUBSTANTIAL PORTION OF A STARTING GENOME,  
COMBINING MUTATIONS AND OPTIONALLY REPEATING**

Date of Notice of Allowance: December 17, 2002 Issue Fee Due: March 17, 2003  
Confirmation No. 3873

**BY HAND DELIVERY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AFTER NOTICE OF ALLOWANCE  
PURSUANT TO 37 C.F.R. § 1.312**

Sir:

A Notice of Allowance was mailed on December 17, 2002 and the issue fee is due March 17, 2003. Therefore, this Amendment is being timely filed. This letter requests amendment to the specification such that the descriptions of the drawings conform to the corrected formal drawings.

Please amend the above referenced application as follows. These amendments add text to the Brief Description of the Drawings which was deleted from the original drawings themselves.

**IN THE SPECIFICATION:**

On page 41, please replace the description for Figures 15-18,20-22 and 24 with the following paragraphs:

**Figure 15. Holistic engineering of differentially activatable stacked traits in novel transgenic plants using directed evolution and whole cell monitoring which can include all detectable functions and physical parameters). Examples include morphology, behavior,**